

MATERIAL STANDARD
**WIRE, GUY AND SHIELD
ALUMINUM COVERED STEEL STRAND**

Aluminum Covered Steel Guy Strands shall conform to the requirements of ASTM B 416.

Packaging and Marking

Coils: Coils shall be delivered already mounted on disposable safety guy wire dispensers, Preformed Line Products Cat. No. SGD-0700 or equal. Coils and dispensers shall be suitably protected to minimize damage to strands during shipment or handling. Paper wrapping on individual coils is not preferred. The maximum outside diameter of the coil shall be 28 inches; the minimum inside diameter of the coil shall be 18 inches. A durable tag shall be attached to each coil, giving the size of the wire, weight of the coil, wire length, the manufacturer's name or trademark, and the City of Seattle purchase order number. Each end of the coil shall be securely fastened to the coil with the starting end identified.

Reels: Reel lengths shall be shipped on non-returnable wood reels of NEMA WC 26 type and dimensions. The manufacturer may provide smaller reel sizes than shown below if in conformance with NEMA WC 26 but no smaller than Size 3624. We require a drive pin hole of at least 1-1/2 inches. The inner end of the wire shall be brought to the outside of the reel flange and securely fastened with steel staples appropriate to the wire size. The inner end shall not be brought out through the reel arbor. The outer end shall be fastened with steel staples appropriate to the wire size to the inner side of the flange. Reels must be delivered in upright position suitable for side unloading by forklift, and not strapped or palleted. The reels shall be legibly marked with the size of the wire, weight, length of wire, the manufacturer's name or trademark, and the City of Seattle purchase order number. The wire shall be adequately protected to insure safe delivery without damage. Tare weight shall be printed on all reels.

Reference Specifications: ASTM B 416, NEMA WC 26, latest editions.

Stock Unit: FT

Approved Manufacturers: Alumoclad de Mexico, Conex, Intral, U. S. Alumoweld.

Stock Number	Strand Dia., In.	Nominal Dia., In.	Rated Break Strength, Lbs.	Lb., Per 100 Feet	Length Per Coil, Feet	Length Per Reel, Feet, ±10%	Max. NEMA Reel Size	Catalog Numbers, All Manufacturers
566406	0.306	5/16 (10M)	10,000	16.47	500	—	—	10M
*566407	0.306	5/16 (10M)	10,000	16.47	—	10,000	4024	10M
566408	0.444	7/16 (20M)	20,000	34.70	250	—	—	20M
*566409	0.444	7/16 (20M)	20,000	34.70	—	5,000	4024	20M
566410	0.572	9/16	34,290	56.58	250	—	—	19-#9 AWG
566425	0.486	—	22,730	41.63	250	—	—	7-#6 AWG

*Special order by Engineering only. Lead time is a minimum of four months.

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